

SPECIFICATIONS

Model	FinePix S9600
Number of effective pixels*	9.0 million pixels
CCD sensor	1/1.6-inch Super CCD HR
Number of recorded pixels	Still image: 3488×2616/3696×2464 (3:2 format)/2592×1944/ 2048×1536/1600×1200/640×480 pixels Movie: 640×480/320×240 pixels, 30 frames/sec., with monaural sound
Storage media	Slot No.1: xD-Picture Card™ (16MB to 2GB) Slot No.2: CF Card and MicroDrive™ (Compatibility is listed on Fujifilm website: <a href="http://www.fujifilm.com/products/digital/">http://www.fujifilm.com/products/digital/</a> )
File format	Still image: CCD-RAW/JPEG (Exif Ver 2.2**) Movie: AVI (Motion JPEG) [Design rule for Camera File system compliant/DPOF-compatible]
Lens	Fujinon 10.7× optical zoom lens, F2.8 - F4.9
Lens focal length	f = 6.2 - 66.7mm (Equivalent to 28 - 300mm on a 35mm camera)
Focus	Auto focus (Area, Multi, Center)/Manual focus/Continuous AF AF assist illuminator available. Effective range: up to 3.5m (Wide angle)
Focus distance	Normal: Wide angle: Approx. 40cm/1.3 ft. to infinity Telephoto: Approx. 2.0m/6.6 ft. to infinity Macro: Wide angle: Approx. 10cm - 3m/3.9 in.- 9.8 ft. Telephoto: Approx. 90cm - 3m/3.0 ft.- 9.8 ft. Super Macro: Approx. 1cm -1m/0.4 in.- 3.3 ft.(Wide angle only)
Shutter speed	Auto/Picture Stabilization/Natural Light/Portrait/Landscape: 1/4 sec. to 1/4000 sec. Night: 4 sec. to 1/500 sec. P/S/A: 4 sec. to 1/4000 sec., M: 30 sec. to 1/4000 sec. Bulb (up to 30 sec.)
Aperture	F2.8 - F11, 13 steps in 1/3EV increments Manual/Auto selectable
Sensitivity	Auto/Equivalent to ISO 80/100/200/400/800/1600
Exposure control	256-zone TTL metering-Multi/Spot/Average
Exposure modes	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
White balance	Automatic Manual: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Custom (2 types)
Electronic viewfinder	0.44-inch low temperature polysilicon TFT (Approx. 235,000 pixels), Approx. 100 % coverage
LCD monitor	2.0-inch low temperature polysilicon TFT (Approx. 235,000 pixels), Approx. 100 % coverage
Flash	Auto flash Effective range: Wide angle (Approx. 30cm to 5.6m/1.0 ft. to 18.4 ft.) Telephoto (Approx. 90cm to 3.0m/3.0 ft. to 9.8 ft.) Flash mode: Auto, Red-eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-eye Reduction + Slow Synchro
Self-timer	Approx. 2 sec/10 sec. delay
Video output	NTSC/PAL selectable
Digital interface	USB2.0 High-Speed
Power source	4xAA type alkaline batteries (included)/4xAA type Ni-MH rechargeable batteries (optional) or AC power adapter AC-5VX (optional)
Dimensions	128.0 (W) × 93.0 (H) × 129.0 (D) mm / 5.0 (W) × 3.7 (H) × 5.1 (D) in.
Weight	Approx. 650g/22.9 oz. (excluding batteries and storage media) Approx. 760g/26.8 oz. (including batteries and xD-Picture Card™)
Camera functions	
Digital zoom	Approx. 2× (10.7× optical zoom lens is used together: Max. zoom scale: 21.4×)
Shooting modes	Normal: Auto, Scene Position (Picture Stabilization, Natural Light, Portrait, Landscape, Night ) Continuous: 1. Top-4 (max. 1.5 frames/sec., up to 4 frames ) 2. Final-4 (max. 1.5 frames/sec., up to 4 frames ) 3. Long-period (max. 1.1 frames/sec., up to 40 frames.)
Color modes	STANDARD/CHROME/B&W
Movie recording	640×480/320×240 pixels, 30 frames/sec., with monaural sound, AVI format (Motion JPEG)
Voice memo	Up to 30 sec. WAV format
Playback	Single frame, 9 Multi-frame, Exposure information with histogram, Sorting by date, image rotate, Trimming, Automatic play back, Navigation screen on playback zoom
Accessories included	4xAA type alkaline batteries, Shoulder strap, USB cable (Mini-B), A/V cable for FinePix S9600, Lens cap, Lens cap holder, Lens hood, CD-ROM1 (USB driver, FinePixViewer, ImageMixer VCD2 LE for FinePix, RAW File Converter LE), CD-ROM2 (Hyper Utility Software)

\* Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

\*\* Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.



Windows® XP compatible



World standard PictBridge compatible



Specifications are subject to change without notice.

FUNCTIONS



Number of images/recording time

Still image

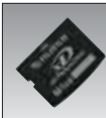
Quality	CCD-RAW	9M Fine	9M Normal	3:2	5M	3M	2M	0.3M
Number of recorded pixels	—***	3488×2616	3696×2464	2592×1944	2048×1536	1600×1200	640×480	
DPC-128 (128MB)	6	28	56	56	102	162	204	997
DPC-256 (256MB)	13	56	113	113	204	325	409	1997
DPC-512M512 (512MB)	27	113	227	227	409	651	818	3993
DPC-1M1GB (1GB)	54	228	456	456	819	1305	1639	7995
DPC-M2GB (2GB)	108	456	913	913	1640	2558	3198	15992
Microdrive 340MB	18	77	155	155	279	445	559	2729
Microdrive 1GB	55	234	469	469	842	1313	1642	8212

Movie

Quality	640×480	320×240
DPC-128 (128MB)	Approx. 111 sec.	Approx. 219 sec.
DPC-256 (256MB)	Approx. 223 sec.	Approx. 7.3 min.
DPC-512M512 (512MB)	Approx. 7.4 min.	Approx. 14.6 min.
DPC-1M1GB (1GB)	Approx. 14.9 min.	Approx. 29.3 min.
DPC-M2GB (2GB)	Approx. 29.8 min.	Approx. 58.6 min.
Microdrive 340MB	Approx. 5.1 min.	Approx. 10.0 min.
Microdrive 1GB	Approx. 15.3 min.	Approx. 30.1 min.

The number of images and recording time will vary slightly depending on the type of subject.

OPTIONAL ACCESSORIES



xD-Picture Card™

DPC-16 (16MB)  
DPC-32 (32MB)  
DPC-64 (64MB)  
DPC-128 (128MB)  
DPC-256 (256MB)  
DPC-512 (512MB)

DPC-M512 (512MB)

DPC-M1GB (1GB)

New DPC-M2GB (2GB)



PC Card Adapter

DPC-AD



Compact Flash™

Card Adapter

DPC-CF



AC Power Adapter

AC-5VX



Soft Case

SC-FXS9



Wide Conversion Lens

WL-FXS6

FUJIFILM

DIGITAL CAMERA

FinePix S9600

9.0 MegaPixels

28-300mm Lens  
(35mm equivalent)

ISO 80-1600

Hyper Utility Software Included



NEW

Wide-Angle To Telephoto, This High-Performance Camera Does It All

Features

1

Superb 9.0 MegaPixels image quality

2

Integrated  
28mm wide-angle – 300mm telephoto lens

3

2.0-inch tilt-angle LCD monitor

FUJIFILM

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# DIGITAL CAMERA *FinePix S9600*



## 1 Superb 9.0 MegaPixels image quality

### Superb 9.0 MegaPixels image quality

Featuring the 1/1.6-inch Super CCD HR sensor, the FinePix S9600 boasts a remarkable 9.0 effective megapixels. The benefits are visible at a glance: high-resolution images characterized by stunning detail and rich texture, even at greatly enlarged print sizes. But Real Photo image quality goes beyond resolution. The Super CCD HR offers high sensitivity with unprecedented image quality. Thanks to effective noise suppression performed by the Fujifilm's innovative RP Processor, the S9600 produces beautiful photos without tripod or flash, retaining the natural light and atmosphere of the scene even outdoors at dusk, in low light indoors, or at long telephoto settings.

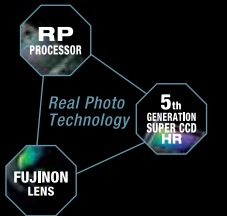
### Integrated lens contributes to exceptional image quality

The FinePix S9600 is an all-in-one SLR-style digital camera equipped with a powerful integrated Fujinon zoom lens. This high-precision 10.7x optical zoom lens employs one hybrid aspherical element and two glass-molded aspherical elements. This array yields unparalleled optical quality with minimal chromatic aberrations throughout the entire zoom range. A formulated lens coating reduces the common problems of flare and ghosting, and contributes to superbly natural color balance.

### Real Photo Technology

#### Dramatically higher sensitivity and lower noise

Real Photo Technology is our name for the advanced three-way interaction between lens, CCD, and processor. The superb optics of the Fujinon lens form an exceptionally accurate image on the Super CCD HR, which then works in tandem with the Real Photo (RP) Processor to perform sophisticated processing of image data at ultra-high speed. The result is a breakthrough in high sensitivity with very low noise. Even at maximum pixel resolution and highest ISO sensitivity, photos are vividly natural and beautiful. Fujifilm's Real Photo Technology is literally the next generation in digital imaging technology.



#### ► Innovative Real Photo (RP) Processor

- The compact processor chip effectively incorporates all the advanced signal processing required for unparalleled image quality.
- Two cycles of sophisticated noise reduction processing ensure high-quality images even at the highest ISO settings.
- Energy-efficient signal processing allows longer battery life and more shots per charge.
- New contour correction processing optimizes contrast and resolution for more natural image quality.

## High Sensitivity Expands the World of Photography



### PS (Picture Stabilization) mode eliminates blur

With a sensitivity range of up to ISO 1600, the FinePix S9600 lets you take pictures at a higher shutter speeds, effectively eliminating the blur caused by camera shake or subject movement. The resulting images are sharp, focused and realistically beautiful even in low light or at long telephoto settings.



▲ Conventional digital camera



▲ FinePix S9600

### Intelligent flash ensures optimum flash/sensitivity control

At high sensitivity settings, the innovative "Intelligent Flash" feature automatically controls flash output to avoid unnatural over-lighting. This smart flash control technology recognizes scene conditions and determines the optimum flash output to give you superb results.



▲ Standard flash photography



▲ FinePix S9600



### N Natural Light mode

In Natural Light mode, the camera automatically turns the flash off and boosts sensitivity as required, up to ISO 800. This shooting mode is ideal for low-light situations when you want to capture not only the subject but also darker backgrounds. It's also useful when shooting in situations where flash is undesirable, prohibited, or simply cannot reach the subject.





28mm

JPEG mode, 3488 x 2616 pixels, 1/750 sec., F5.6, ISO 80 equivalent



300mm

JPEG mode, 3488 x 2616 pixels, 1/350 sec., F4.9, ISO 200 equivalent

# 2 28–300mm (35mm equivalent) 10.7× optical zoom lens

## One-lens solution for all your needs

With a high-performance zoom lens equivalent to 28–300mm on a 35mm camera, the FinePix S9600 covers the full range of photographic possibilities from wide-angle landscape or architectural shots to normal focal length snapshots and telephoto portraits or sports shooting. With no need to carry additional equipment and no photo opportunities missed because of changing lenses, it's truly a one-lens solution to all your photographic needs.

## Easy manual zoom control

Unlike most all-in-one digital cameras, the FinePix S9600 lets you zoom manually from wide-angle to telephoto by simply rotating a zoom ring around the lens barrel, just as you would with a 35mm SLR.



## Dust-free sealed construction



Because there's no need to change lenses, the sensor is protected from dust accumulation, a common problem that affects the quality of images captured with digital SLR cameras. With the dust-free, integrated lens construction of the FinePix S9600, you can always count on maximum image quality – and never worry about cleaning the CCD.

## 10.7× optical zoom + 2× digital zoom

In addition to the high-performance 10.7x optical zoom covering a remarkable 28–300mm, a 2x digital zoom boosts total magnification up to 21.4x, or a focal length equivalent of approximately 600mm.



▲ Wide angle (28mm)



▲ 3.6× optical zoom (100mm)



▲ 10.7× optical zoom (300mm)



▲ 10.7× optical plus 2× digital zoom (600mm)





JPEG mode, 3488 x 2616 pixels, 1/160 sec., F5.0, ISO 200 equivalent

# Other functions

## Versatile shooting modes



With 11 different shooting modes, the FinePix S9600 lets you explore all the artistic parameters of photography. Just turn the mode dial to "A" mode (Aperture Priority Auto) or "S" mode (Shutter Priority Auto) and explore the creation of professional photographic effects.

- AUTO** Auto Mode
- P** Program Auto
- S** Shutter Priority Auto
- A** Aperture Priority Auto
- M** Manual
- Movie** Movie
- Night** Night
- Landscape** Landscape
- Portrait** Portrait
- Natural light** Natural light
- Picture Stabilization** Picture Stabilization



S Shutter Priority Auto



A Aperture Priority Auto

## Multi-exposure function



Allows you to superimpose as many images as you like on the same frame.



Multi-exposure shooting

## Auto-exposure bracketing

Automatically captures three consecutive shots in 1/3, 2/3 or 1 EV increments over and under the set exposure.



Overexposed



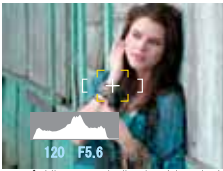
Correct



Underexposed

## Extensive shooting and image data displays

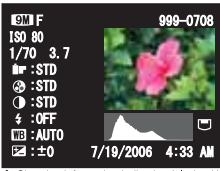
The bright, easy-to-view interface displays a range of image data during shooting and playback on the LCD monitor. In addition to shooting mode information, the monitor also offers a real-time histogram display for confirmation of exposure values. During playback, a convenient overexposure warning causes overexposed highlight areas to blink, helping to ensure you've captured the picture you were shooting for.



Histogram indication (shooting)



Mode dial indication (shooting)



Shooting information indication (playback)

## FinePix Photo button



This convenient button gives you one-touch access to frequently used settings including image size, ISO sensitivity, and FinePix Color mode (Standard, Chrome, and B&W).



B&W mode

## Additional functions

- **Picture-in-Picture (P-in-P) function**
- **Continuous shooting**
- **Three exposure control**
- **White balance (Auto/Manual/Custom)**
- **Dual media slots for xD-Picture Card™ and CompactFlash/Microdrive™**

# 3 The expanded shooting freedom of a multi-angle LCD

## Multi-angle LCD monitor

The FinePix S9600 sports a bright and easy-to-see 2.0-inch LCD monitor that swivels vertically to let you shoot from high and low angles with ease. And the monitor displays a live, real-time view that lets you frame and compose your image right on the LCD. This expanded shooting leeway opens up new options for capturing creative shots.



## Easy-to-see LCD monitor and EVF

The refresh rate of the LCD monitor and TFT electronic viewfinder (EVF) can be selected for optimum visibility, with a choice of standard 30fps or an enhanced 60fps for smoother viewing. The crisp, clear EVF also features approx. 100% coverage, and provides you true TTL framing and full on-screen shooting information.

## Super Macro shooting



The Super Macro mode lets you move right in – as close as 1cm from your subject. Close-ups are richly detailed and razor sharp, turning everyday objects into exciting visual images.

## Movie recording with sound

The FinePix S9600 offers full movie plus sound recording. Its 30fps movie mode produces beautifully smooth videos. Autofocus, auto-exposure, and zoom functions all operate during video recording, assuring that your subject stays in focus and properly exposed, even under changing light conditions. And movie quality approaches that of dedicated camcorders.



Movie recording

# 4 Sophisticated editing possibilities with CCD-RAW file format Hyper Utility Software HS-V2 Included

## RAW File Converter EX



### Brightness control by exposure compensation

This function allows you to control brightness of the image by specifying optimal settings between -1.0 and +2.0 in 1/6 EV increments according to histogram display and alarm indications.

### Tone curve control

This function allows you to precisely control the brightness or contrast of the image by confirming image data on the preview screen.

### White balance control

In addition to standard light source settings, this function allows you to set the white balance by picking a gray spot in the image or setting the color temperature.

## 2-image display function



Convenient for selecting the most attractive image, this feature makes it possible to compare results within the RAW File Converter EX environment. Image analysis is supported with histogram highlight warnings and other sophisticated functions.

	Required CPU	OS	RAM	Required hard-disk space
Windows	Pentium4, Celeron, Pentium-M	Windows 2000 Professional SP4, Windows XP Professional SP1/SP2, Windows XP Home SP1/SP2	256MB or more (512MB recommended)	1GB or more
Macintosh	Power PC & Intel Processor	Mac OS X (10.3.9-10.4.6)		

Download manual for Hyper Utility Software HS-V2 at <http://www.fujifilm.com/products/digital/lineup/s9600/images/hsv2.pdf>